

## Matrikon® OPC Server for Modbus

### Do more with your Modbus data!

The Matrikon OPC Server for Modbus provides secure and reliable real-time data access between all Modbus devices and any OPC-enabled applications such as Historians, HMIs, and SCADA ...etc. This Modbus OPC Server securely communicates over Ethernet and/or Serial to many Modbus protocols such as:

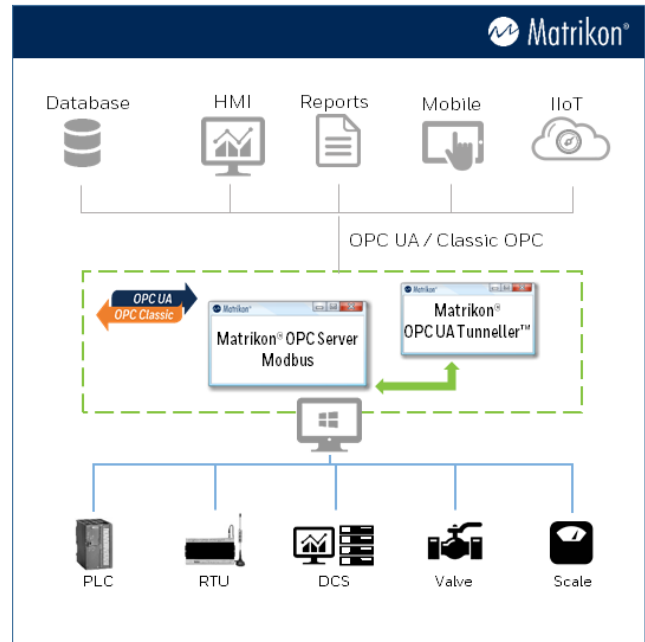
- Honeywell Modbus
- Bently Nevada
- Daniel Modbus
- Enron Modbus
- Modbus TCP
- Modbus (using RS-232 Serial)
- Modbus Plus using an SA-85 card
- Modbus ASCII
- Modbus RTU (binary)
- ... many more!

Unlike other Modbus to OPC interfaces, the OPC Server for Modbus can grant and deny access to tags based on user login. The Modbus OPC Server is a powerful tool that enables a secure access to your Control and Automation systems and opens new connectivity horizons to other parties and it is available at an unbeatable price.

This server has been rigorously tested with hardware from vendors including ABB, Emerson, Honeywell, Koyo, Schneider (Modicon), Triconex, Yokogawa, and many others.

### The OPC Server for Modbus supports the following features and operations:

- Channel Level Redundancy
- Advanced Calculation Engine
- Supports OPC Security 1.0 specification
- Honeywell HC 900 configuration file import facility for easy integration
- Competitive system expansion
- Elimination of the fear of being “Locked In” to a single vendor



### PREPARE FOR THE FUTURE WITH OPC CLASSIC-OPC UA INTEGRATION

#### ABOUT MATRIKON® OPC UA TUNNELLER

For the past 10 years, the Matrikon® OPC UA Tunneller™ product line has delivered an easy to use, best-in-class solution for eliminating OPC Classic connectivity issues. Using a single, easy-to-use package. The latest version of Matrikon OPC UA Tunneller, continues this legacy while adding powerful functionality to extend the useful life of your OPC Classic components via a phased-migration plan

OPC UA is rapidly becoming the preferred open data connectivity standard for the shop floor and beyond.

Matrikon® OPC Server for Modbus devices enables you to easily connect to any of your Modbus devices using either OPC UA or OPC classic with the addition of Matrikon® OPC UA Tunneller, the easiest way to mix, match, and migrate OPC Classic and OPC UA solutions.

## SUPPORTED OPC SPECIFICATIONS

- OPC DA (OPC Data Access) 1.0a
- OPC DA (OPC Data Access) 2.0
- OPC DA (OPC Data Access) 2.05a
- OPC DA (OPC Data Access) 3.0

## SYSTEM REQUIREMENTS:

### Software Requirements:

- Microsoft Windows 7 (32-bit and 64-bit) or
- Microsoft Windows 10 or
- Microsoft Windows 2008 SP2 (32-bit and 64-bit) or
- Microsoft Windows 2008 Server R2 or
- Microsoft Windows Server 2012 R2 or
- Microsoft Windows Server 2016

### Hardware Requirements:

- Intel® Pentium® 4 Processor
- 512 MB RAM
- 40 GB 7200 RPM Hard Drive

### Cables:

- Serial (RS232)
- Serial (RS485)
- Ethernet
- "Blue Hose"

The OPC server requires the following additional hardware to make use of the following functionality:

- For Ethernet communication with Modbus devices: Windows-compatible Ethernet network card.
- For Serial communication with Modbus devices: Windows-compatible Serial Port



The OPC Server for Allen Bradley PLCs is OPC Certified!

OPC Certification is the process of ensuring that applications meet the standards specified by the OPC Foundation. OPC Certification requires extensive testing to ensure true interoperability. OPC Certification means multi-vendor system interoperability is guaranteed. If your OPC products are not certified, you need to ask your vendor what sort of guarantees they offer.



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